

538,910

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
8 July 2004 (08.07.2004)

PCT

(10) International Publication Number
WO 2004/056232 A2

- (31) International Patent Classification⁷: **A45D**
- (21) International Application Number:
PCT/US2003/040564
- (22) International Filing Date:
19 December 2003 (19.12.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/434,869 19 December 2002 (19.12.2002) US
- (71) Applicant (for all designated States except US): **SYRACUSE UNIVERSITY** [US/US]; Office of Sponsored Programs, 113 Bowne Hall, Syracuse, NY 13244-1200 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **FAIOLA, Norman** [US/US]; 15 Chelsea's Walk, Ithaca, NY 14850 (US).
- (74) Agent: **PASTEL, Christopher, R.**; Hancock & Estabrook, LLP, 1500 Mony Tower 1, P.O. Box 4976, Syracuse, NY 13221-4976 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Declaration under Rule 4.17:**
— of inventorship (Rule 4.17(iv)) for US only
- Published:**
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: HAND AND FINGERNAIL CLEANING APPARATUS

(57) Abstract: An apparatus for washing hands and/or fingernails includes a brush assembly attached to a water faucet. The brush assembly includes a backplane with two opposed brushes attached to the backplane such that the bristles on each brush face outward from the backplane. A clamping mechanism removably attaches the brush assembly to the faucet. The clamping mechanism is pivotable on the faucet so the user can move the brush assembly into the water stream to use the brushes and out of the water stream for rinsing.

WO 2004/056232 A2